

Notice of Allowability

Application No.

10/615,826

Applicant(s)

CHENG, YUNG-FA

Examiner

Quochien B. Vuong

Art Unit

2685

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/10/2003.
2. ☒ The allowed claim(s) is/are 1-14.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Reasons for Allowance

1. Claims 1-14 are allowed over the cited prior art.
2. The following is an examiner's statement of reasons for allowance:

Regarding independent claims 1 and 10, Van Gen (US 6,535,750) discloses a housing of an electronic product (figure 1), comprising: an outer housing member (1a), an inner housing member (20); and a key member (telephone card) (column 2, line 29 – column 3, line 10). However, Van Gen fails to further teach the housing of the electronic product wherein the outer-housing member having an outer-housing recession portion; and a first key penetrating portion and an outer-housing penetrating portion, respectively located on two opposite sides of the outer-housing recession portion; wherein the inner-housing member having an inner-housing recession portion; and a second key penetrating portion and an inner-housing protrusion portion, respectively located on two opposite sides of the inner-housing member, wherein the second key penetrating portion is located inside the inner-housing recession portion, and the inner-housing protrusion portion penetrates into the outer-housing penetrating portion for fastening the inner housing member and the outer-housing member; an elastic member, installed on one side of the inner-housing recession portion opposite to the second key penetrating portion; and a key member, installed in the inner-housing recession portion, comprising: a first key protrusion portion and a second key protrusion portion respectively located on two opposite sides of the key member, wherein the first key protrusion portion penetrates through the second key penetrating portion and into the first key penetrating portion, for fastening the inner-housing member and the outer-

housing member, and the second key protrusion portion compressed the elastic member so as to reinforce the fastening of the key member to the inner-housing recession portion, wherein the elastic member is used for easily taking out the key member.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Priority

3. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Enokido et al. (US 5,461,672) disclose portable radio telephone having a slidable speaker unit.

Karl et al. (US 5,535,437) disclose a portable radio battery latch.

Slipy et al. (US 5,848,152) disclose communication device having interchangeable faceplates and active keypad cover.

De Larminat et al. (US 6,006,074) disclose apparatus having different shielding covers.

Mote et al. (US 6,563,927) disclose back cover for a mobile phone.

Won (US 6,950,686) discloses cover opening/close device of mobile terminal.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quochien B. Vuong whose telephone number is (571) 272-7902. The examiner can normally be reached on M-F 9:30-18:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on (571) 272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



QUOCHIEN B. VUONG
PRIMARY EXAMINER

Quochien B. Vuong
Sep. 28, 2005.